VISION GROUP
ARCHITECTS

Site Construction, Waste Management & Soil and Water Management Erosion Sediment Control Plan

DEMOLITION OF ALL EXISTING STRUCTURES
&
CONSTRUCTION OF PROPOSED NEW (2) TWO STOREY DWELLING OVER BASEMENT, SWIMMING POOL INCLUDING FRONT FENCE

07 Solomon Ct
GREENACRE, NSW 2190

This information shall be read in conjunction with drawings:
Job No. 1388

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Construction and Site Management

Prior to any construction works, all existing site services affected by the new construction

shall be located. This shall be both a physical identification and a check with "Dial Before you Dig".

During the course of the construction, the site shall be cleaned and all excess materials shall be removed on a regular basis. No materials shall be stored on council property or the roadway.

Upon completion of all construction works, the site shall be cleaned and all remaining construction debris, temporary barricades and other matter shall be removed.

Generally the modest scale of the works will require only modest scale deliveries. Most deliveries will be able to be placed directly on site. Where off site activities occur the following criteria will be met.

Note 1. Safe access

Access to the site is to be through the front of the site via Solomon Ct. Adequate safety signage must be erected in a prominent position of impending dangers.

Note 1a. Protection to road and footpath

Construction vehicles are to enter and leave the site over an all-weather surface ensuring the protection of roads and footpaths.

Traffic areas are to be covered at all times by a protective mat constructed out of 150 x 50 HWD planks close connected by 40 x 1 galvanised iron strips or coarse crushed stone or blue metal constructed within the front setback area opposite the existing footpath crossing.

The constructor is to ensure that any soil debris is not carried beyond the site and is to wash the area regularly to ensure that the adjacent street remain clean

Note 2. Loading and unloading of machinery and materials

Loading and unloading of materials shall occur via Solomon Court. Protection mat is to be used at all times for loading and unloading over public path. Concrete pumps and trucks will also utilize the all weather surface for their operations.

Materials will be unloaded upon the all weather surface within the front setback area by means of cranes mounted on the back of delivery trucks or unloaded by hand. It is not envisaged that a mobile crane will be required during the construction process.

Note 3. Site storage, waste and recycling

Sufficient space is available on the site during the construction period for storage of construction materials at the front of the property and for minimum sized waste and recycling containers at the front of the property. Contractors and deliverers are to obtain relevant permits for use of public areas should it be necessary.

Some stockpiling of topsoil removed from the building area may be stored on the site during construction within the property in an area enclosed with sediment control fencing.

All excavated and construction material, shed, skip bins, temporary water closets, equipment, etc shall be kept within the property. No vehicles or machines shall stand on council's footpath for large lengths of time.

All rubbish and recyclable material shall be stockpiled in waste bins in the area nominated on the Construction, Site and Waste management plan within the site boundary. Public property will be kept free of rubbish and recyclables at all times. Any waste material shall be regularly collected from the site and disposed of in an appropriate fashion.

Any building/demolition works involving asbestos shall be carried out in accordance with the relevant standards.

Note 4. Maintaining Clean Roadways

Construction vehicles are to enter and leave the site over an all-weather surface ensuring the protection of roads and footpaths.

Traffic areas are to be covered at all times by a protective mat constructed out of 150 x 50 HWD planks close connected by 40 x 1 galvanised iron strips or coarse crushed stone or blue metal constructed within the front setback area opposite the existing footpath crossing.

The constructor is to ensure that any soil debris is not carried beyond the site and is to wash the area regularly to ensure that the adjacent street remain clean.

Note 5. Design and On Going Management

The modest scale of the works will enable ease of protection of the surrounding environment.

Noise levels shall be kept below council regulation level. Building and demolition works shall only be carried out between hours and on days specified by the council.

Safety fences shall be provided around all boundaries unless a continuous structurally adequate fence presently exists. The fencing shall be adequate to restrict public access to the site when building works are not in progress and the site is unoccupied.

Waste management

Note 6. Waste Quantity

Due to the nature of the work there will be small quantities of waste generated. Demolition material will mostly consist of timber offcuts, roof sheeting. There will also be waste generated from the construction of the proposed works. This will mainly consist of roof tile, metal roof sheeting timber offcuts, tile rubble, brick rubble and general construction waste.

Note 7. Waste Disposal and Recycling

Waste is to be recycled where possible. All waste is to be disposed of at an approved waste transfer station.

Siltration Control Plan

Note 8. Dust and silt control

There is a moderate amount of demolition work involved in the project and the necessary dust and silt controls will be taken.

Sand bag silt traps shall be placed along all low points along the boundary to provide sediment and erosion control from stormwater run-off. Similar controls will be applied to protect stormwater inlets or gutter systems within the immediate vicinity of the site.

Geotextile fabric shall be placed inside of the site fencing prior to site disturbance to prevent sediment washing from cleared and disturbed areas of the site into the stormwater system. During construction uncontaminated runoff from cleared or disturbed areas are to be directed to a temporary silt arrestor pit that shall be provided within the site at the street boundary to process site stormwater before it is discharged to the street drainage system.

All top soil that is to be stripped and stockpiled on site is to be placed in the nominated area on the site management plan. All disturbed areas are to be stabilized upon the completion of building works.

All sediment controlling structures are to be continually contained during construction and inspected for structural damage after rainfall event, with trapped sediment being removed to the topsoil stockpile.

Where there is potential of site erosion to produce excessive sediment runoff suitable geotextile barriers shall be placed to alleviate the risk accordingly. Bare surface shall be kept moist to reduce dust levels. Geotextile fabric located on the inside of fences shall also be utilized for dust control where necessary.

Waste Management Plan: Demolition Waste

Materials On-Site		Destination		
		Re-use & Recycling		Disposal
Type of Material	**Estimated Volume (m^3) or Area (m^2)**	**On- Site** Specify proposed reuse or on-site recycling methods	**Off-Site** Specify contractor and recycling outlet	Specify contractor and landfill site
Excavation Material	$10m^3$	Back fill behind retaining walls where practical	N/A	Excavation contractor and landfill site are yet to be allocated
Green Waste (eg. Trees)	$15m^3$	N/A	Sent to relevant recycling company for composting	Site bins removed by contractor
Bricks	$12m^3$	Re-use in Retaining Walls where practical	Selected landfill site must have recycling facilities	Demolition contractor and landfill site are yet to be determined
Concrete	$13m^3$	N/A	Selected landfill site must have recycling facilities	Demolition contractor and landfill site are yet to be determined
Timber – please specify	$12m^3$	To be used as formwork on site where practical	N/A	Demolition contractor and landfill site are yet to be determined
Plasterboard	$5m^3$	N/A	N/A	Demolition contractor and landfill site are yet to be determined
Metals – please specify	$6m^3$	N/A	N/A	Demolition contractor and landfill site are yet to be determined
Other (eg. Asbestos, tiles, PVC tubing, plastics)	N/A	N/A	N/A	N/A

Note: Details of site area to be used for on-site separation, treatment and storage (including weather protection) should be provided on the plan drawings accompanying your application.

Waste Management Plan: Construction Phase

Materials On-Site		Destination		
		Re-use & Recycling		Disposal
Type of Material	**Estimated Volume (m^3) or Area (m^2)**	**On- Site** Specify proposed reuse or on-site recycling methods	**Off-Site** Specify contractor and recycling outlet	Specify contractor and landfill site
Timber		-	Pallets Returned Excess Timber returned to supplier.	Remainder to skip bins
Bricks		Offcuts for fill	Return leftovers to supplier	Skip bin for remainder
Metals		-	To recycling yard where possible	Skip bin for remainder

Note: Details of site area to be used for on-site separation, treatment and storage (including weather protection) should be provided on the plan drawings accompanying your application.

Waste Management Plan: Ongoing Management of Waste

Type of Waste to be generated Specify eg. Food waste, glass, paper, metal, off cuts etc.	**Expected FOL. Per Week** Litres or m^3	**Proposed on Site Storage & Treatment Facilities** eg. Waste storage & recycling area, garbage chute, on site composting compaction equipment	**Destination** Recycling, disposal, specify contractor
General Household Rubbish		Council Garbage Bins	Council Garbage Recycling Facilites.

Note: Details of site area to be used for on-site separation, treatment and storage (including weather protection) should be provided on the plan drawings accompanying your application.

Waste Management Plan Form 5 – Ongoing Management of Waste

Describe how you intend to ensure ongoing management of waste on-site. (eg. Lease conditions, caretaker / manager on-site):

N/A